RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/501,666_

Source: _PCT/10_

Date Processed by STIC: _7/23/04_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
      http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby Room 1B03, Arlington, VA 22202
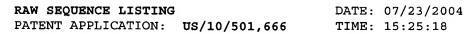
Revised 05/17/04

PCT

RAW SEQUENCE LISTING   DATE: 07/23/2004
PATENT APPLICATION: US/10/501,666   TIME: 15:25:18

Input Set : **A:\seq_lst_US.txt**
Output Set: **N:\CRF4\07232004\J501666.raw**

```
     5 <110> APPLICANT: Stordeur, Patrick
     6        Goldman, Michel
    10 <120> TITLE OF INVENTION: Method to determine in vivo nucleic acid levels
    14 <130> FILE REFERENCE: DECLE35.002APC
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/501,666
C--> 18 <141> CURRENT FILING DATE: 2004-07-16
    21 <150> PRIOR APPLICATION NUMBER: PCT/EP03/00493
    22 <151> PRIOR FILING DATE: 2003-01-20
    24 <150> PRIOR APPLICATION NUMBER: EP 02447009.8
    26 <151> PRIOR FILING DATE: 2002-01-18
    30 <160> NUMBER OF SEQ ID NOS: 55
    34 <170> SOFTWARE: PatentIn version 3.1
    38 <210> SEQ ID NO: 1
    40 <211> LENGTH: 21
    42 <212> TYPE: DNA
    44 <213> ORGANISM: Artificial Sequence
    48 <220> FEATURE:
    50 <223> OTHER INFORMATION: Oligonucleotide
    52 <400> SEQUENCE: 1
    53 gaagatgtgc ctgtcctgtg t                              21
    56 <210> SEQ ID NO: 2
    58 <211> LENGTH: 21
    60 <212> TYPE: DNA
    62 <213> ORGANISM: Artificial Sequence
    66 <220> FEATURE:
    68 <223> OTHER INFORMATION: Oligonucleotide
    70 <400> SEQUENCE: 2
    71 cgctcaggtc agtgatgtta a                              21
    74 <210> SEQ ID NO: 3
    76 <211> LENGTH: 27
    78 <212> TYPE: DNA
    80 <213> ORGANISM: Artificial Sequence
    84 <220> FEATURE:
    86 <223> OTHER INFORMATION: Oligonucleotide
    88 <220> FEATURE:
    90 <221> NAME/KEY: misc_feature
    92 <222> LOCATION: (1)..(1)
    94 <223> OTHER INFORMATION: N = 6Fam
    98 <220> FEATURE:
   100 <221> NAME/KEY: misc_feature
   102 <222> LOCATION: (27)..(27)
   104 <223> OTHER INFORMATION: N = Tamra-p
   108 <400> SEQUENCE: 3
```

(handwritten) pp 1-7

(handwritten) Does Not Comply
Corrected Diskette Needed

(handwritten) "n" can only represent a single nucleotide, nothing else. Suggestion: in the <220>-<223> sections, indicate that the first and last nucleotides are labelled with these dyes.

●   ●

```
W--> 109 ntggtgatga gaccagactc cagctgn                              27
     112 <210> SEQ ID NO: 4
     114 <211> LENGTH: 21
     116 <212> TYPE: DNA
     118 <213> ORGANISM: Artificial Sequence
     122 <220> FEATURE:
     124 <223> OTHER INFORMATION: Oligonucleotide
     126 <400> SEQUENCE: 4
     127 acagatgaag tgctccttcc a                                     21
     130 <210> SEQ ID NO: 5
     132 <211> LENGTH: 21
     134 <212> TYPE: DNA
     136 <213> ORGANISM: Artificial Sequence
     140 <220> FEATURE:
     142 <223> OTHER INFORMATION: Oligonucleotide
     144 <400> SEQUENCE: 5
     145 gtcggagatt cgtagctgga t                                     21
     148 <210> SEQ ID NO: 6
     150 <211> LENGTH: 22
     152 <212> TYPE: DNA
     154 <213> ORGANISM: Artificial Sequence
     158 <220> FEATURE:
     160 <223> OTHER INFORMATION: Oligonucleotide
     162 <220> FEATURE:
     164 <221> NAME/KEY: misc_feature
     166 <222> LOCATION: (1)..(1)
     168 <223> OTHER INFORMATION: N = 6Fam          same error as page 1
     172 <220> FEATURE:
     174 <221> NAME/KEY: misc_feature
     176 <222> LOCATION: (22)..(22)
     178 <223> OTHER INFORMATION: N = Tamra-p
     182 <400> SEQUENCE: 6
W--> 183 nctctgccct ctggatggcg gn                                    22
     186 <210> SEQ ID NO: 7
     188 <211> LENGTH: 20
     190 <212> TYPE: DNA
     192 <213> ORGANISM: Artificial Sequence
     196 <220> FEATURE:
     198 <223> OTHER INFORMATION: Oligonucleotide
     200 <400> SEQUENCE: 7
     201 agctgcctac gtgtatgcca                                       20
     204 <210> SEQ ID NO: 8
     206 <211> LENGTH: 21
     208 <212> TYPE: DNA
     210 <213> ORGANISM: Artificial Sequence
     214 <220> FEATURE:
     216 <223> OTHER INFORMATION: Oligonucleotide
     218 <400> SEQUENCE: 8
     219 gcagtgccaa ggtctctttc a                                     21
```

RAW SEQUENCE LISTING   DATE: 07/23/2004
PATENT APPLICATION: US/10/501,666   TIME: 15:25:18

Input Set : **A:\seq_lst_US.txt**
Output Set: **N:\CRF4\07232004\J501666.raw**

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    224 <211> LENGTH: 29
    226 <212> TYPE: DNA
    228 <213> ORGANISM: Artificial Sequence
    232 <220> FEATURE:
    234 <223> OTHER INFORMATION: Oligonucleotide
    236 <220> FEATURE:
    238 <221> NAME/KEY: misc_feature
    240 <222> LOCATION: (1)..(1)
    242 <223> OTHER INFORMATION: N = 6Fam
    246 <220> FEATURE:                              same
    248 <221> NAME/KEY: misc_feature
    250 <222> LOCATION: (29)..(29)
    252 <223> OTHER INFORMATION: N = Tamra-p
    256 <400> SEQUENCE: 9
W-->257 ncccacaga aattcccaca agtgcattn                    29
    260 <210> SEQ ID NO: 10
    262 <211> LENGTH: 21
    264 <212> TYPE: DNA
    266 <213> ORGANISM: Artificial Sequence
    270 <220> FEATURE:
    272 <223> OTHER INFORMATION: Oligonucleotide
    274 <400> SEQUENCE: 10
    275 catcgatttc ttccctgtga a                          21
    278 <210> SEQ ID NO: 11
    280 <211> LENGTH: 24
    282 <212> TYPE: DNA
    284 <213> ORGANISM: Artificial Sequence
    288 <220> FEATURE:
    290 <223> OTHER INFORMATION: Oligonucleotide
    292 <400> SEQUENCE: 11
    293 tcttggagct tattaaaggc attc                        24
    296 <210> SEQ ID NO: 12
    298 <211> LENGTH: 24
    300 <212> TYPE: DNA
    302 <213> ORGANISM: Artificial Sequence
    306 <220> FEATURE:
    308 <223> OTHER INFORMATION: Oligonucleotide
    310 <220> FEATURE:
    312 <221> NAME/KEY: misc_feature
    314 <222> LOCATION: (1)..(1)
    316 <223> OTHER INFORMATION: N = 6Fam
    320 <220> FEATURE:                              same
    322 <221> NAME/KEY: misc_feature
    324 <222> LOCATION: (24)..(24)
    326 <223> OTHER INFORMATION: N = Tamra-p
    330 <400> SEQUENCE: 12
W-->331 nacaagagca aggccgtgga gcan                        24
    334 <210> SEQ ID NO: 13
```

```
    336 <211> LENGTH: 20
    338 <212> TYPE: DNA
    340 <213> ORGANISM: Artificial Sequence
    344 <220> FEATURE:
    346 <223> OTHER INFORMATION: Oligonucleotide
    348 <400> SEQUENCE: 13
    349 tgaggagctg gtcaacatca                                        20
    352 <210> SEQ ID NO: 14
    354 <211> LENGTH: 21
    356 <212> TYPE: DNA
    358 <213> ORGANISM: Artificial Sequence
    362 <220> FEATURE:
    364 <223> OTHER INFORMATION: Oligonucleotide
    366 <400> SEQUENCE: 14
    367 caggttgatg ctccatacca t                                      21
    370 <210> SEQ ID NO: 15
    372 <211> LENGTH: 22
    374 <212> TYPE: DNA
    376 <213> ORGANISM: Artificial Sequence
    380 <220> FEATURE:
    382 <223> OTHER INFORMATION: Oligonucleotide
    384 <220> FEATURE:
    386 <221> NAME/KEY: misc_feature
    388 <222> LOCATION: (1)..(1)
    390 <223> OTHER INFORMATION: N = 6FAM
    394 <220> FEATURE:
    396 <221> NAME/KEY: misc_feature
    398 <222> LOCATION: (22)..(22)
    400 <223> OTHER INFORMATION: N = Tamra-p
    404 <400> SEQUENCE: 15
W--> 405 naggctccgc tctgcaatgg cn                                     22
    408 <210> SEQ ID NO: 16
    410 <211> LENGTH: 21
    412 <212> TYPE: DNA
    414 <213> ORGANISM: Artificial Sequence
    418 <220> FEATURE:
    420 <223> OTHER INFORMATION: Oligonucleotide
    422 <400> SEQUENCE: 16
    423 cccagggacc tctctctaat c                                     .21
    426 <210> SEQ ID NO: 17
    428 <211> LENGTH: 21
    430 <212> TYPE: DNA
    432 <213> ORGANISM: Artificial Sequence
    436 <220> FEATURE:
    438 <223> OTHER INFORMATION: Oligonucleotide
    440 <400> SEQUENCE: 17
    441 atgggctaca ggcttgtcac t                                      21
    444 <210> SEQ ID NO: 18
    446 <211> LENGTH: 24
```

same

```
      448 <212> TYPE: DNA
      450 <213> ORGANISM: Artificial Sequence
      454 <220> FEATURE:
      456 <223> OTHER INFORMATION: Oligonucleotide
      458 <220> FEATURE:
      460 <221> NAME/KEY: misc_feature
      462 <222> LOCATION: (1)..(1)
      464 <223> OTHER INFORMATION: N = 6Fam
      468 <220> FEATURE:
      470 <221> NAME/KEY: misc_feature
      472 <222> LOCATION: (24)..(24)
      474 <223> OTHER INFORMATION: N = Tamra-p
      478 <400> SEQUENCE: 18
W-->  479 ntggcccagg cagtcagatc atcn                              24
      482 <210> SEQ ID NO: 19
      484 <211> LENGTH: 24
      486 <212> TYPE: DNA
      488 <213> ORGANISM: Artificial Sequence
      492 <220> FEATURE:
      494 <223> OTHER INFORMATION: Oligonucleotide
      496 <400> SEQUENCE: 19
      497 ctaattattc ggtaactgac ttga                              24
      500 <210> SEQ ID NO: 20
      502 <211> LENGTH: 21
      504 <212> TYPE: DNA
      506 <213> ORGANISM: Artificial Sequence
      510 <220> FEATURE:
      512 <223> OTHER INFORMATION: Oligonucleotide
      514 <400> SEQUENCE: 20
      515 acagttcagc catcacttgg a                                 21
      518 <210> SEQ ID NO: 21
      520 <211> LENGTH: 26
      522 <212> TYPE: DNA
      524 <213> ORGANISM: Artificial Sequence
      528 <220> FEATURE:
      530 <223> OTHER INFORMATION: Oligonucleotide
      532 <220> FEATURE:
      534 <221> NAME/KEY: misc_feature
      536 <222> LOCATION: (1)..(1)
      538 <223> OTHER INFORMATION: N = 6Fam
      542 <220> FEATURE:
      544 <221> NAME/KEY: misc_feature
      546 <222> LOCATION: (26)..(26)
      548 <223> OTHER INFORMATION: N = Tamra-p
      552 <400> SEQUENCE: 21
W-->  553 ntccaacgca aagcaataca tgaacn                            26
      556 <210> SEQ ID NO: 22
      558 <211> LENGTH: 21
      560 <212> TYPE: DNA
```

same

same

Please correct subsequent sequences containing this error.

see p. 6 for more error

<400> 55
attcagctcg aacactttga a

21

?? delete at end of file

FYI

Input Set : **A:\seq_lst_US.txt**
Output Set: **N:\CRF4\07232004\J501666.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 1,27
Seq#:6; N Pos. 1,22
Seq#:9; N Pos. 1,29
Seq#:12; N Pos. 1,24
Seq#:15; N Pos. 1,22
Seq#:18; N Pos. 1,24
Seq#:21; N Pos. 1,26
Seq#:24; N Pos. 1,22
Seq#:27; N Pos. 1,31
Seq#:30; N Pos. 22
Seq#:31; N Pos. 1,23
Seq#:48; N Pos. 1,25
Seq#:51; N Pos. 1,23

```
L:17 M:270 C: Current Application Number differs, Replaced Application Number .
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:1203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:1278 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1280 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55
L:1280 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1282 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55
L:1282 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1284 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55
L:1284 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1289 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55
```